

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB ³ rpm	PCle Mini Card WWAN/mSATA	Carrier	Modem	IEEE 1394	Smart Card Reader	Finger print reader	Blue-tooth	Battery cells	Intel AMT	Intel vPro	Global (G) Educ	Preload	
4180-MNU	i5-2520M	4GBx1	14.0" HD	720p	500G 7200	WWAN upg			1394		Fing	Blue	6	iAMT	vPro	G	Pro 64	
4180-MBU	i5-2540M	4GBx1	14.0" HD+	720p	320G 7200	WWAN upg		Modem			Fing	Blue	6	iAMT	vPro	G	Pro 64	
4180-63U	i5-2540M	2GBx2	14.0" HD+	720p	320G 7200	WWAN upg			1394		Fing	Blue	6	iAMT	vPro	G	Pro 64	
4180-62U	i5-2520M	2GBx2	14.0" HD	720p	320G 7200	WWAN upg			1394			Blue	6	iAMT	vPro	G	Pro 64	
4180-KHU	i5-2540M	4GBx1	14.0" HD+	720p	320G 7200	WWAN upg		Modem			Fing	Blue	6	iAMT	vPro		Pro 64	
4180-NDU	i5-2540M	4GBx1	14.0" HD		320G 7200	WWAN upg			1394	Smart			6	iAMT	vPro		Pro 64	
4180-NCU	i5-2410M	4GBx1	14.0" HD	720p	320G 7200	WWAN upg		Modem					6			Edu	Prem 64	
4180-N2U	i7-2620M	4GBx1	14.0" HD+	720p	500G 7200	WWAN upg		Modem		Smart	Fing	Blue	6	iAMT	vPro		Pro 64	
4180-PAU	i5-2520M	4GBx1	14.0" HD	720p	128G SSD	WWAN upg					Fing	Blue	6	iAMT	vPro	G	Pro 64	
4180-PFU	i5-2520M	4GBx1	14.0" HD	720p	320G 7200	Gobi 3000	selectable				Fing	Blue	6	iAMT	vPro		Pro 64	
• These models have a depot repair service 3-year limited warranty • These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)																		
Positioning Processor	<i>Premiere performance; two spindles</i> Intel® Core™ i5-2410M processor (dual-core, 2.30GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology Intel Core i5-2520M processor (dual-core, 2.50GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Intel Core i5-2540M processor (dual-core, 2.60GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.30GHz), HT technology Intel Core i7-2620M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.40GHz), HT technology											Preloaded operating system²⁰ - Some: Genuine Windows® 7 Home Premium 64 - Some: Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Access Connections™ • Fingerprint Software (fingerprint models) • Password Manager (fingerprint models) • ThinkVantage System Update • ThinkVantage Power Manager • ThinkVantage Toolbox • Lenovo SimpleTap						
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets																	
Optical Ultrabay	DVD burner, 12.7mm Ultrabay Enhanced, removable																	
SATA disk	One bay for removable devices, Ultrabay Slim-compatible, 12.7mm high, bottom access <i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, Active Protection System™ <i>All:</i> removable, upgradable, supports the second disk, Shock Mounted Hard Drive																	
mSATA™ SSD	None																	
Widescreen display	<i>Some:</i> 14.0" (355mm) HD (1366x768) color , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio <i>Some:</i> 14.0" (355mm) HD+ (1600x900) color , anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 300:1 contrast ratio																	
Camera	<i>Some:</i> HD720p resolution, wider view angle, low light sensitive, fixed focus																	
Graphics	Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via cable 45J7915); supports dual independent display; <i>Maximum external resolution:</i> 2560x1600 (DisplayPort) @60Hz; 2048x1536 (VGA) @75Hz; 1920x1200 @60Hz (single-link DVI-D via cable 45J7915)																	
Keyboard TrackPoint®	7 row, 89-key, ThinkVantage button, spill-resistant, multimedia Fn keys																	
Touchpad UltraNav™	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar ¹³ , magnifying glass																	
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions																	
Dimensions ³	14.0W" (WxDxH): 13.4" x 9.17" x 1.18–1.20"; 340.5 x 233.0mm x 30.1–30.5mm																	
Weight ²	4-cell: from 4.60 lb (2.09kg); 6-cell: from 4.79 lb (2.17kg); 9-cell: from 5.17 lb (2.35kg)																	
Case material	Display cover: Carbon-fiber / Glass-fiber hybrid; Bottom: Carbon-Fiber Reinforced Plastic																	
Battery - type	Lithium Ion 4-cell, 6-cell, or 9-cell, supports optional Slice battery (57Y4545) as 2nd battery																	
Battery - life ¹⁰	6-cell (57Whr): up to 9.0 hr; 9-cell (94Whr): up to 15.0 hr; 9-cell plus Slice battery: up to 30 hr																	
Chipset	Mobile Intel QM67 Express Chipset																	
ExpressCard	One slot (ExpressCard/34)																	
Smart Card read	<i>Some:</i> Smart Card reader																	
Multicard reader	4-in-1 reader (MMC, SD, SDHC, SDXC)																	
Ports	Three USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45)																	
PCle Mini Card	Two PCI Express Mini Card slots																	
WLAN ⁴	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2																	
WWAN	<i>Some:</i> Wireless WAN upgradable <i>Some:</i> Wireless WAN, Qualcomm® Gobi™ 3000 chipset, PCIe Mini Card, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS <i>Some:</i> User selectable at first boot, AT&T®, Verizon®, or Sprint®, contract required with service provider																	
Modem	<i>Some:</i> 56K V.92 ⁶ modem																	
IEEE 1394	<i>Some:</i> IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)																	
Bluetooth™	<i>Some:</i> Bluetooth 3.0 wireless, LED indicator																	
Ethernet	Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1																	
Intel AMT	<i>Some:</i> Intel Active Management Technology (iAMT)																	
Audio support	High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array mic, mic mute button, combo audio/mic jack																	
Security	Power-on password, hard disk password, supervisor password, security keyhole																	
Security chip	Trusted Platform Module, TCG 1.2-compliant																	
Fingerprint reader	<i>Some:</i> UPEK Fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip																	
Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available																	
											Supports ThinkVantage® technologies 65-watt AC adapter ThinkPad Roll Cage (one-piece magnesium frame) EPEAT™ Gold rating ENERGY STAR® 5.0-compliant RoHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹² via 800-426-7378 For compatible accessories, please go to O-T420 sheet; For ThinkPlus™, 22 service upgrade options, please go to S-TA sheet							

See footnotes for more detailed information

US model(s) announced February 22, March 1, April 5, or May 3, 2011

⚡ US model(s) withdrawn effective January 2012

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